

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S17 5	6482	(eras\$5) near10 (train or pulse)	US-PGPUB; USPAT	OR	ON	2006/10/27 14:55
S17 6	164646	(mark or pit or space) near5 (disc or medium or disk or film or cd or dvd or carrier or layer)	US-PGPUB; USPAT	OR	ON	2006/10/27 14:55
S17 7	246	S175 same S176	US-PGPUB; USPAT	OR	ON	2006/10/27 14:55
S17 8	1641	eras\$5 near2 pattern	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:55
S17 9	24	S176 same S178	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:55
S18 0	3418	((first or front or lead\$3 or start\$5) near2 (pulse)) and ((second or last or end\$3 or finish\$5 or trail\$3) near2 (pulse))	EPO; JPO	OR	ON	2006/10/27 14:55
S18 1	48469	(power or energy or intensity or laser or beam) near2 (level or amount or value or intensity)	EPO; JPO	OR	ON	2006/10/27 14:55
S18 2	69	S180 and S181	EPO; JPO	OR	ON	2006/10/27 14:55
S18 3	4016	(eras\$6 or spac\$5 or delet\$5) near2 (pulse or pattern or waveform or train or wave-form or (wave near2 form))	EPO; JPO	OR	ON	2006/10/27 14:56
S18 4	48	S180 and S183	EPO; JPO	OR	ON	2006/10/27 14:56
S18 5	51	S181 and S183	EPO; JPO	OR	ON	2006/10/27 14:56
S18 6	9	(direct adj (over-writ\$5 or over-record\$6 or (over adj (record\$5 or writ\$5))))	EPO; JPO	OR	ON	2006/10/27 14:56
S18 7	1060	(eras\$5 or space) near3 (train or pulse) near5 (power or current or intensity)	US-PGPUB; USPAT	OR	ON	2006/10/27 14:56
S18 8	43574	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/10/27 14:56
S18 9	295	S187 and S188	US-PGPUB; USPAT	OR	ON	2006/10/27 14:56
S19 0	1498	(cool\$6) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/10/27 14:57
S19 1	43574	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/10/27 14:57

## EAST Search History

S19 2	14507	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/10/27 14:57
S19 3	57056	S191 or S192	US-PGPUB; USPAT	OR	ON	2006/10/27 14:57
S19 4	304	S193 and S190	US-PGPUB; USPAT	OR	ON	2006/10/27 14:57
S19 5	525	(369/59.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/27 14:58

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	(eras\$6) near2 (pattern) near4 (multi\$6 or train or plural\$5) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L6	2052	((front or start\$6 or first or lead\$6) near2 (pulse)) near4 (vary\$6 or varies or variation or chang\$6 or depend\$6 or accord\$6 or based) near5 (next or preced\$6 or following or succeed\$5 or last or second or end\$6 or previous\$3 or before) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L9	57199	L7 or L8	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L10	151	L6 and L9	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L13	316	L11 near5 L12	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L14	23	L9 and L13	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L15	2837	((start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) adj (pulse)) near8 (speed or velocity or rate or rotat\$6)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L16	169	L9 and L15	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L19	205150	(turn\$3 or rotat\$5 or spin\$6) adj (rate or speed or velocity)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L20	377	L19 near10 L12	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L21	23	L9 and L20	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L22	3	L21 not L14	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L23	43122	(start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) adj (pulse)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L24	223	L19 with L23	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L35	603	(servo) adj (unit or control\$3 or device or circuit) adj (read\$5 or reproduc\$6 or sens\$5 or detect\$6)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L36	42	L35 near10 (speed or velocity or rate)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53

## EAST Search History

L46	2052	((front or start\$6 or first or lead\$6) near2 (pulse)) near4 (vary\$6 or varies or variation or chang\$6 or depend\$6 or accord\$6 or based) near5 (next or preced\$6 or following or succeed\$5 or last or second or end\$6 or previous\$3 or before) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L47	43669	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 09:53
L48	14555	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 09:53
L49	57199	L47 or L48	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L81	151	L46 and L49	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L105	203	(multipulse or multi-pulse or (plural\$3 near2 pulse)) same ((leading or first or start or begin\$4) near3 (record\$5 or writ\$6) near2 (pulse))	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53
L106	203	(multipulse or multi-pulse or (plural\$3 near2 pulse)) same (leading or first or start or begin\$4) near3 (record\$5 or writ\$6) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/11/07 09:53